



## Professional-Oriented Educational Output In The Teaching Of Chemistry

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### ABSTRACT

In this article, the main task of pedagogical theory and practice is the formation of a professional worldview of students on the basis of chemical knowledge, its relevance, the methodological foundations of the formation of a professional worldview, the theoretical foundations of the formation of a professional worldview of students on the basis of chemical knowledge.

### Keywords:

professional worldview, worldview, intellectual development, stratified and individualized programs, elective education, career guidance. The possibilities of forming a professional worldview based on chemical knowledge

Chemistry is a natural science that studies substances, their structure, composition and properties. Chemical laws and theories have a significant impact on the development of other related natural and technical sciences. At the same time, chemistry is concerned with solving social problems, meeting the needs of every person and society as a whole.

The socio-economic changes taking place in our country have led to the search for new worldviews for our society. In the modern conditions of civilization development, the formation of the professional worldview of students occupies one of the leading places. Worldview-provides the development of a holistic personality, capable of consciously and critically interacting with the outside world.

Many local and foreign scientists believe that in the process of Education, static knowledge is accumulated in the process of the intellectual development of the learner, the formation of systems of dynamically structured mental movements, differentiated and individualized programs are purposeful.

Chemical knowledge is an important part of the general culture of mankind and contributes greatly to the sustainable

development of civilization. If the content of chemical knowledge is more accurately planned, the more accurate the forecast of professional characteristics, the more effective the training will be.

The phenomenon of the professional worldview of schoolchildren, the structure of which is not determined today. The process of developing the formation of the professional worldview of educators on the basis of chemical knowledge, the process of formation in harmony with the processes of self-improvement and professional adaptation have not yet been sufficiently studied in pedagogical science.

In front of school teachers, students have the task of forming a holistic worldview, the ability to independently acquire and process information about a particular profession. Bunda plays a huge role in chemical knowledge.

Professional worldview is a system of worldviews, which is the basis of a holistic thinking about systemic factors, social values of a particular profession, professions. Therefore, the formation of professional freezing in Chemistry Lessons is especially relevant.

From the point of view of modern pedagogical science, this problem should be solved in the direction of creating the appropriate conditions that contribute to the full understanding of the personality of the individual in the world.

The more accurate and Broad the worldview of a person, the more his knowledge of the world and his role in life are, the more effective his interaction with the world will be.

According to the literature analysis, the process of formation of the professional worldview shows that the formation of the professional worldview of educators is one of the main tasks of pedagogical theory and practice. Methodological basis of formation of professional outlook V.V. Barisov, S.V. Borisov, A.S. Belyx, V.O. Actively developed by such scientists as Romanova and others [2,3].

The concept of worldview its importance in the life of Man and society was studied by Plato, Aristotle, Decart, Kant Hegel, Spinoza and others. His role in the science I. Vernadsky, M. Heydegger, E. Studied by From and others[1].

The development of the worldview category and the methods of its formation educators and psychologists L. I. Bojovich, B. I. Dodonova, R. M. Zalessky, A. G. Kovaleva, I. M. Krasnobaev, N. A. Menchinskaya, T. K. Mukhina, B. M. It has been scientifically studied by Teplova and others [4].

The phenomenon of the professional worldview of schoolchildren, the structure of which is not determined today. The process of formation of the professional worldview of educators in harmony with the processes of professional and personal self-development, self-improvement and professional adaptation has not yet been sufficiently studied in pedagogical science.

Therefore in our research work:

We have identified such tasks as determining the level of professional worldview of educators, developing the components of the professional worldview, the technology of formation of the professional worldview of schoolchildren on the basis of chemical knowledge.

Thus, the relevance of the problem of the formation of a professional worldview in

students on the basis of chemical knowledge in the educational process, the subject of science depends on a number of contradictions:

-chemical knowledge is based on a highly developed professional worldview as an informative and valuable component of the profession, the quality and effectiveness of ensuring the professional direction of the educational process and the pedagogical correction between the phenomenon not studied in the pedagogy of Professional Education-Development and counseling-between educational tasks;

-between the opportunities for the formation of a professional worldview on the basis of chemical knowledge and the undeveloped pedagogical conditions that contribute to the formation of the professional worldview of educators in harmony with the processes of professional and personal self-development, self-improvement.

The urgency of the problem, as well as the need to solve this problem, implies the need to develop a methodology for the formation of a professional worldview of students based on chemical knowledge. On the problem posed, the following: what is the meaning of the concept of "professional worldview of students"? What pedagogical conditions exist for the formation of the professional worldview of students in harmony with the processes of professional and personal development, self-improvement? we have sought answers to questions like.

In order to develop and substantiate the technology of formation of the professional worldview of schoolchildren, the process of formation of the professional worldview of students, the development of the technology of formation of the professional worldview of students in the process of acquisition of chemical knowledge was aimed.

Accordingly, we put forward the following hypothesis:

- if the formation of the professional worldview in students on the basis of chemical knowledge in the process of study and education in school is carried out effectively:

- if the professional worldview is perceived as a goal;

-if a specially organized education is organized;

-elektiv combines knowledge on the content of psychological support of the educational process in accordance with the professional tasks of psychodiagnostics, pedagogical correction and development of education, advice to students and parents with professional and personal development, self-improvement processes of professional adaptation;

- application of problematic methods of teaching and socio-psychological preparation that stimulate the process of professional orientation and professional self-development;

- "Introduction" to the system of holistic knowledge on the psychological support of education is organized continuously and consistently throughout the entire period of training.

In vocational-oriented education: any training is carried out only with the targeted interaction of the pupil and the object under study, the training is carried out with the active activity of the teacher, in accordance with the interests and activities of the pupil. It is connected with the professional orientation of the teacher in the process of giving chemical knowledge, his awareness of certain educational goals, its components and elements, methods and organizations. To the forms and methods of studying the science of chemistry, it is possible to include concepts that can be learned only in the established Destiny.

In the interaction of some chemical concepts with professions, in the separation of some concepts from others, professional skills can be formed with the help of conscious efforts of the teacher based on professional skill in the activities of the students. Training is carried out during training, which takes into account the relevant goals and includes the tools and methods of training necessary to achieve them.

#### References:

1. Borisov V.V., Borisova S.V. Culture of professional worldview as a characteristic of the personal culture

- of technology teachers // Young scientist. -2014. -No.2. -pp. 732-735.
2. Belykh A.S. The worldview of student youth: problems of formation: monograph /A.S.Belykh. - Lugansk: Publishing house "Knowledge", 2012. - 232 p.
3. Lerner I.Ya. Training of future teachers of labor training and labor education of schoolchildren. Pedagogical education.-Issue No. 2,-M.:Pedagogy, 1990.-238-242 p.
4. Romanova V. O. Formation of the professional worldview of future teachers-psychologists based on the acmeological approach : dissertation ... Candidate of Pedagogical Sciences : 13.00.08 / Romanova Vera Olegovna; Kaliningrad, 2009.- 268 p.